
To: Bobbie Strong (BOBBIE)
Subject: TANK REMOVAL

07:17:36 15 JAN 1991
P6350/908526 Page 1

Number: P6350/908526
Message date: 14 JAN 1991 08:47AM
Sender: Cindy Cullen (CINDYC) AML,SEA
From: GEORGE WILLIAMSON
To: BOBBIE TROY
Subject: TANK REMOVAL
cc: GEORGW LAEL LESC OKSANA JIMC CINDYC SUSANK DANB

B & C EQUIPMENT WILL BE HERE 1/24 TO BEGIN REMOVING THE FUEL TANKS FROM
YARD 2.

ANY QUESTIONS - CALL ME.

GEORGE

== End of Message ==

To: Bobbie Strong (BOBBIE)
Subject: UST - LAIDLAW

11:00:31 10 JAN 1991
P9955/152358 Page 1

Number: P9955/152358
Message date: 10 JAN 1991 10:57AM
From: Rod DeWalt (DEWALT) LI,GO
To: GEORGW
Subject: UST - LAIDLAW
cc: BOBBIE CHOLM

HAVE BEEN UNSUCCESSFUL IN MY ATTEMPTS TO COMMUNICATE WITH THE LAIDLAW PEOPLE. DAVE ASHTON IS THE ONLY PERSON THAT IS AVAILABLE AS A CONTACT, AND HE HAS NOT RETURNED MY NUMEROUS PHONE CALLS. I WILL CONTINUE TRYING TO MAKE CONTACT WITH THESE FOLKS, BUT DON'T THINK WE WANT TO HOLD UP OUR REMOVAL PLANS WAITING ON THEIR INPUT. ROD

== End of Message ==

To: Bobbie Strong (BOBBIE)
Subject: B & C EQUIPMENT CONTACTS

09:10:36 07 JAN 1991
P9955/151741 Page 1

Number: P9955/151741
Message date: 07 JAN 1991 08:35AM
Sender: Bobbie Strong (BOBBIE) LI,GO
From: BOBBIE
To: GEORGW TROY
Subject: B & C EQUIPMENT CONTACTS
cc: BOBBIE

BOB SHAFFER IS THE CONSTRUCTION MANAGER AND MARK HENRY IS THE FIELD SUPERVISOR FOR B & C FOR REMOVING THE 2ND AVE TANKS. PHONE 872-8890. THEY HAVE OFFERED A HARD DOLLAR CONTRACT AND A TIME/MATERIALS OPERATION (WHICH APPEARS TO BE THE WAY TO GO IF YOU MONITOR THE OPERATION) WHICH BILL SHOULD HAVE COPIES OF. DON'T FORGET THAT THEY ARE GOING TO GET RID OF THE OLD GASOLINE TANK THAT IS AGAINST THE FENCE THERE IN YOUR YARD. PLEASE LET ME KNOW WHEN THEY SCHEDULE THE REMOVAL. THANKS!

== End of Message ==

To: Bobbie Strong (BOBBIE)
Subject: AML UNDERGROUND TANKS

16:32:41 04 JAN 1991
P9955/151574 Page 1

Number: P9955/151574
Message date: 04 JAN 1991 04:30PM
Sender: Bobbie Strong (BOBBIE) LI,GO
From: BOBBIE
To: DICKK JJ CHOLM TROY
Subject: AML UNDERGROUND TANKS
cc: BOBBIE DEWALT

HAD A JOINT MEETING WITH BILL TROY & HIS CREW, ROD DEWALT AND DAMES & MOORE THIS MORNING TO DISCUSS THE RESULTS OF THE LATEST TESTING AND LAB ANALYSES PROVIDED BY D & M.

WEST MARGINAL WAY TANKS: SUE KENT WITH DAMES & MOORE CONDUCTED THE SOIL VAPOR SURVEYS @ THE CFS WHICH INDICATED INSIGNIFICANT CONTAMINATION. SUE WAS WITH THE COMPANY WHO DID THE ENVIRONMENTAL SURVEY AND REMOVED THE TANKS FROM THE AML-ACQUIRED WRIGHT SCHUCHART PROPERTY AND AS A RESULT OF SEEING THE SOIL CONDITIONS THERE FIRSTHAND CONDUCTED THE SOIL VAPOR SURVEYS AT THE CFS ASSUMING SIMILAR SOIL CONDITIONS. UNFORTUNATELY, A CLAY LAYER APPROXIMATELY 6' IN THICKNESS CAPS THE AREA AROUND THE CFS AND THIS PREVENTED THE SOIL VAPOR SURVEY APPARATUS FROM OBTAINING VALID READINGS AND THERE WAS SIGNIFICANT CONTAMINATION WHICH WAS DISCOVERED WHEN THE TANKS WERE EXPOSED TO BE REMOVED. AS A RESULT OF OBVIOUS SOIL AND WATER CONTAMINATION THAT WAS NOT EXPECTED AT THE CFS, ADDITIONAL SOIL VAPOR SURVEYS (WITH GREATER PENETRATION) WILL BE CONDUCTED TO DELINEATE THE CONTAMINATION. DEP'T OF ECOLOGY (DOE) WILL BE DULY INFORMED AND SUBSEQUENTLY PRESENTED WITH OUR PROPOSAL TO CONDUCT MINIMAL REMEDIATION AT THIS TIME BECAUSE OF THE POTENTIAL FOR EXPANSION OF THE CFS WAREHOUSE (AT SOME POINT) AT WHICH TIME THE CONTAMINATION COULD BE MORE ECONOMICALLY ADDRESSED. TWO TO THREE MONITORING WELLS WILL BE DRILLED AND MONITORED ON A REGULAR (QUARTERLY OR SEMI-ANNUAL) BASIS TO INSURE THAT THE CONTAMINATION IS NOT PROGRESSING, WHICH IT SHOULD NOT BECAUSE WE HAVE REMOVED THE SOURCE.

DOCK #2: ADDITIONAL SOIL SURVEYS IN THE AREA OF THE BENZENE CONTAMINATION (WHICH IS WHERE THE LEAKING SCHOOL COMPANY GAS TANK WAS LOCATED) HAVE CONFIRMED THAT THE CONTAMINATION IS CONCENTRATED IN ONE AREA AND IS NOT MIGRATING TOWARDS THE RIVER.

TWO ADDITIONAL SOIL BORINGS WERE CONDUCTED ADJACENT TO THE AREA WHERE THE AML UST'S WERE LOCATED TO OBTAIN ADDITIONAL MATERIAL FOR ANALYSIS AND TO DETERMINE THE DEPTH OF THE CONTAMINATION. THE SOIL ANALYSIS INDICATES THAT THE CONTAMINATION IS OIL BASED AND NOT DIESEL OR GASOLINE BASED AND EXCEEDS 28' IN DEPTH BEFORE IT BEGINS TO TAPER OFF TO ACCEPTABLE LEVELS AT 33'. THIS IS MASSIVE CONTAMINATION. THE PROPOSAL TO THE DOE WILL BE TO MONITOR WELLS ALREADY IN PLACE ON A REGULAR BASIS (THIS AFTER TANK REMOVAL) BUT TO INITIATE NO FURTHER CLEANUP OPERATIONS. THIS IS SUPPORTABLE AS THE CONTAMINATION IS NOT MIGRATING TOWARDS THE RIVER AND IS NOT EVIDENT IN GROUNDWATER SAMPLES (EXCEPT FOR THE BENZENE CONTAMINATION AROUND THE BUS COMPANY'S TANK) AND HAS BEEN ACCEPTABLE BY DOE IN PRIOR CASES BECAUSE OIL IS NOT AS HAZARDOUS AND DOE WOULD PREFER NOT TO BE CONFRONTED WITH A SCENARIO WHERE THEY ARE REMOVING CONTAMINATED SOIL ONLY TO TRANSPORT IT TO SOME OTHER LOCATION, IF THE CONTAMINATION IS NOT CAUSING IMMEDIATE PROBLEMS AND HAS SMALL POTENTIAL FOR FUTURE PROBLEMS.

REMOVAL OF THE TANKS WILL BE COORDINATED BY GEORGE WILLIAMSON AND WILL
TAKE PLACE AS SOON AS THE CONTRACTOR CAN BE BROUGHT IN.

I WILL CIRCULATE THE LETTERS OF PROPOSAL, WHICH WILL BE PRESENTED TO DOE
BY DAMES & MOORE, TO INTERESTED PARTIES.

== End of Message ==

To: Bobbie Strong (BOBBIE)
Subject: SOUND ENVIRONMENTAL

17:05:01 04 JAN 1991
P9955/151589 Page 1

Number: P9955/151589
Message date: 04 JAN 1991 05:02PM
Sender: Jim Jansen (JJ) LI,GO
From: JJ
To: BOBBIE
Subject: SOUND ENVIRONMENTAL
cc: DAVEH

ED CRONICK ASKED THAT WE ASS ON THAT HE WILL BE IN SEATTLE NEXT WEEK AND
WILL STOP BY TO SEE YOU. HE IS READY TO GO AHEAD ON THE AML DOCK AND
IMPLYS THAT
HE WILL PROVIDE THE MATERIAL AND SUPERVISION FOR US AT COST AND WE
PROVIDE THE LABOR AND EQUIPMENT TO DO THE WORK.

HE ALSO RECOMMENDS THAT WE STOP THE SCIENCE PROJECT WITH THE CONSULTANT
AND GE TTHE WORK DONE BEFORE THIS GETS OUT OF CONTROL

== End of Message ==